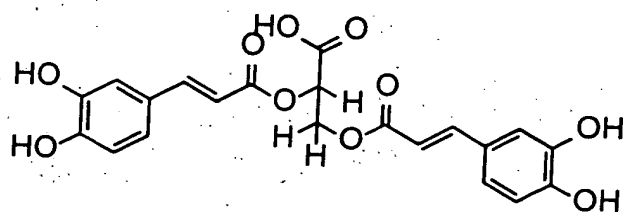


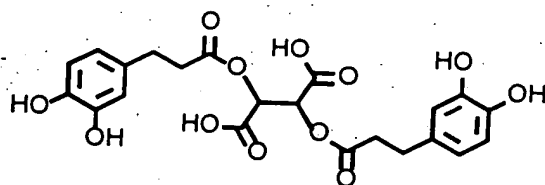
Compounds 1, 2, 3
L-, D-, m- chicoric Acid

Fig. 1a



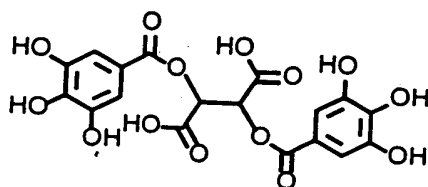
Compound 19
1,2-Dicafeoyl-L-glyceric Acid

Fig. 1b



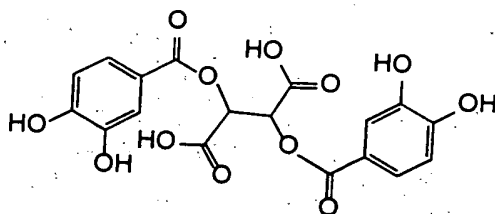
Compound 22
Bis-(3,4-dihydroxydihydrocinnamoyl)-L-tartaric acid

Fig. 1c



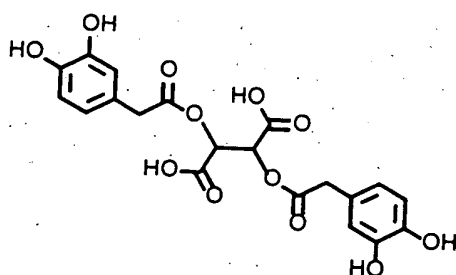
Compound 25
Digalloyl-L-tartaric acid

Fig. 2a



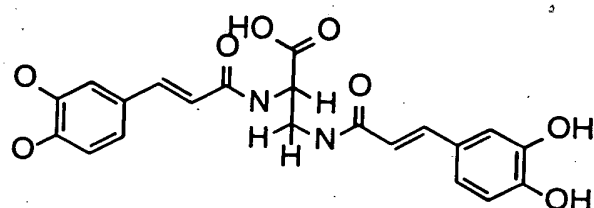
Compound 26
Bis (3,4-dihydroxybenzoyl) L-tartaric acid

Fig. 2b



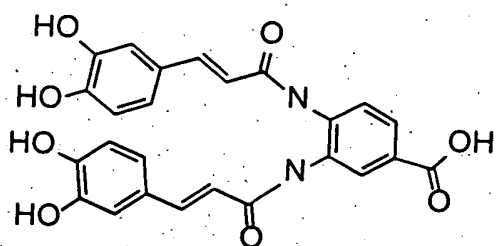
Compound 28
Bis-(3,4-dihydroxyphenylacetyl)-L-tartaric acid

Fig. 2c



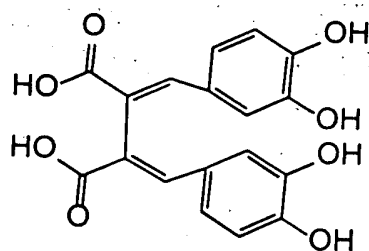
Compound 35
2,3-Dicaffeoyldiamidopropionic acid

Fig. 3a



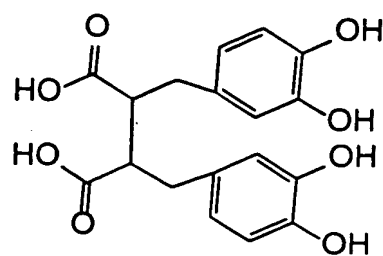
Compound 36
bis-3,4-dicaffeoyldiamidobenzoic Acid

Fig. 3b



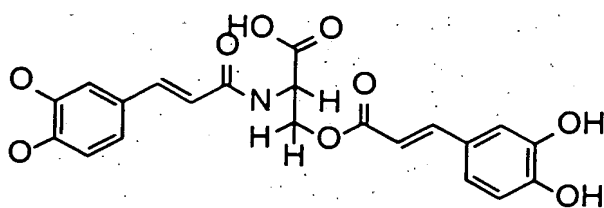
Compound 37
Di-3,4-dihydroxybenzylidene succinic acid

Fig. 3c



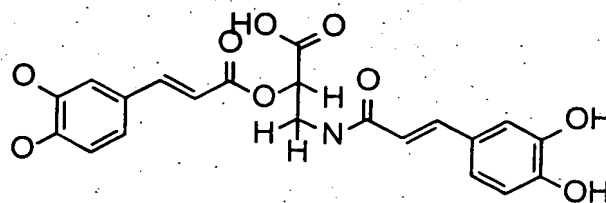
Compound 38
Di-3,4-dihydrodihydroxybenzylidene succinic acid

Fig. 4a



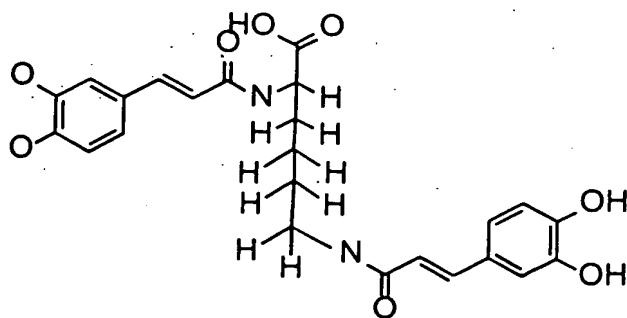
Compound 39
2,3-Dicaffeoyl-L-serine

Fig. 4b



Compound 40
bis-Dicaffeoyl-L-isoserine

Fig. 4c



Compound 41
1,4-Dicaffeoyl-L-Lysine

Fig. 4d

Fig. 5

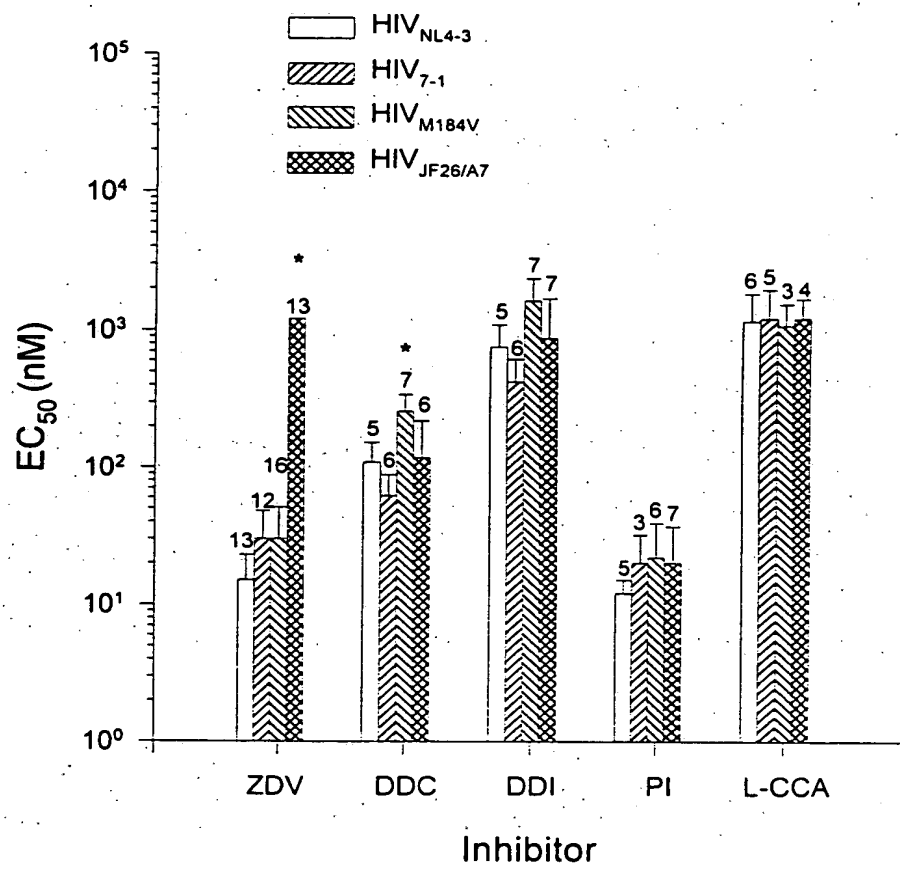
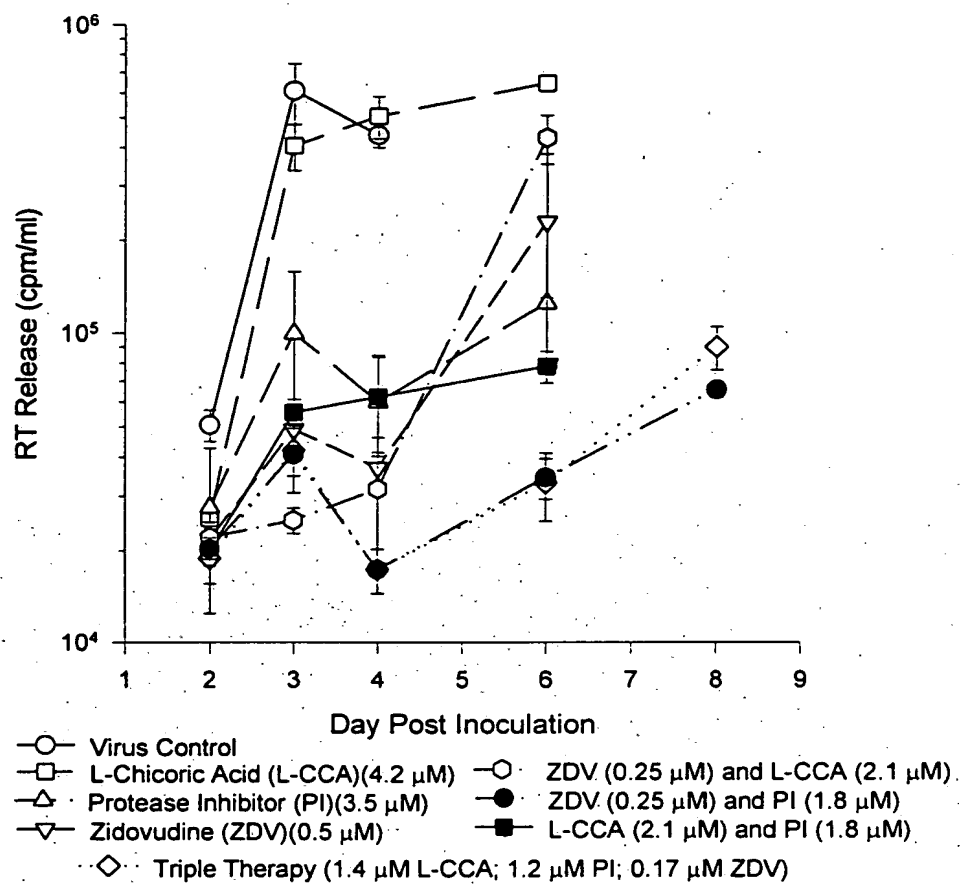


Fig. 6



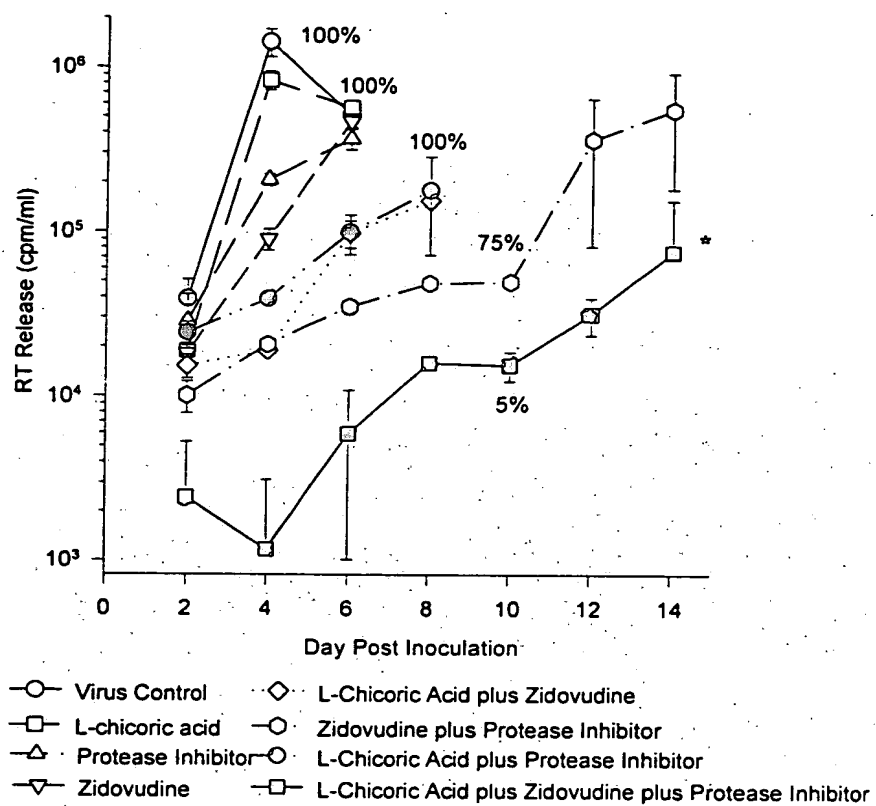


Fig. 8

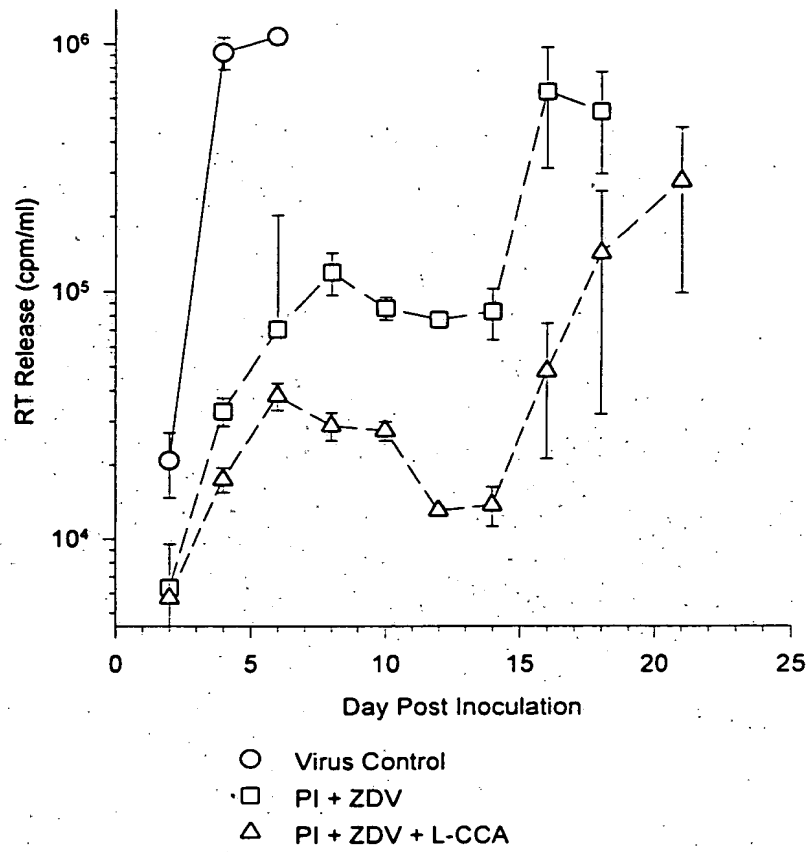
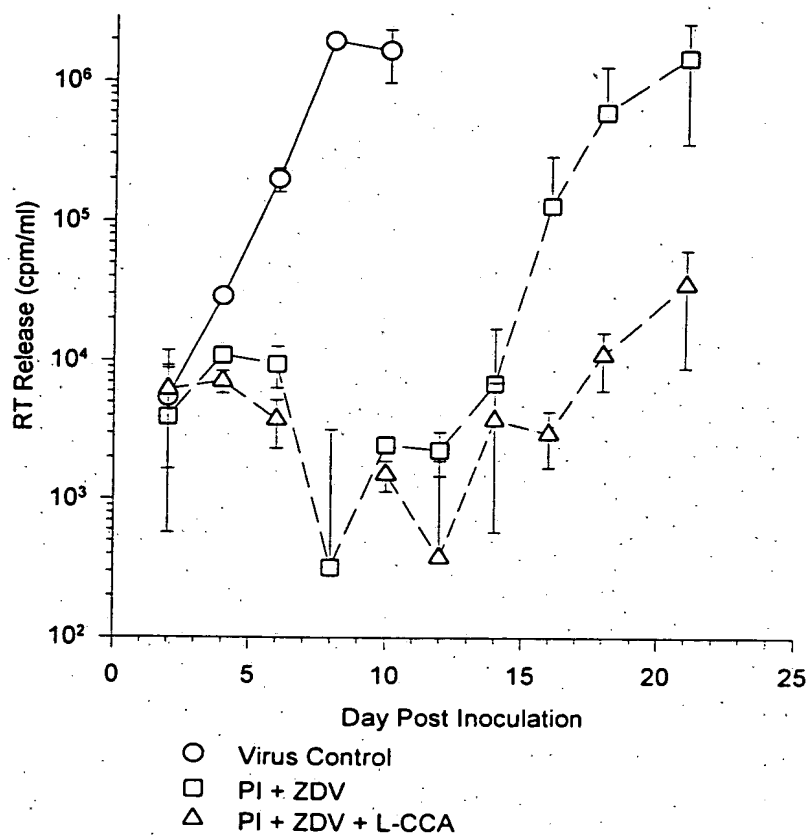
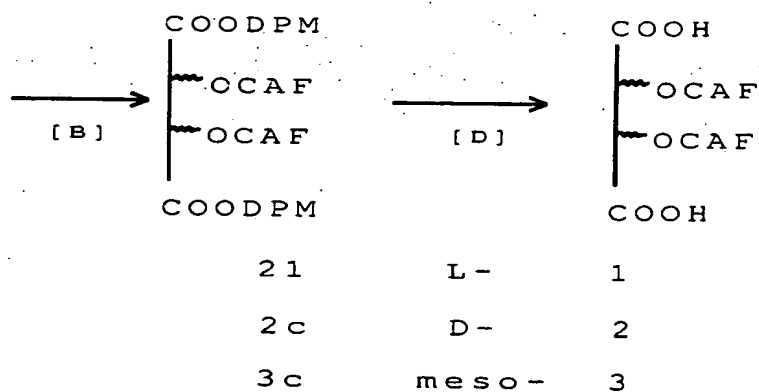
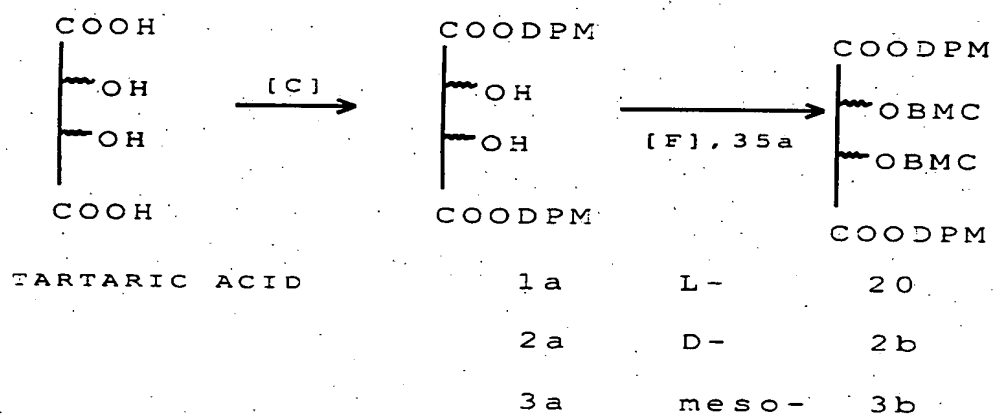
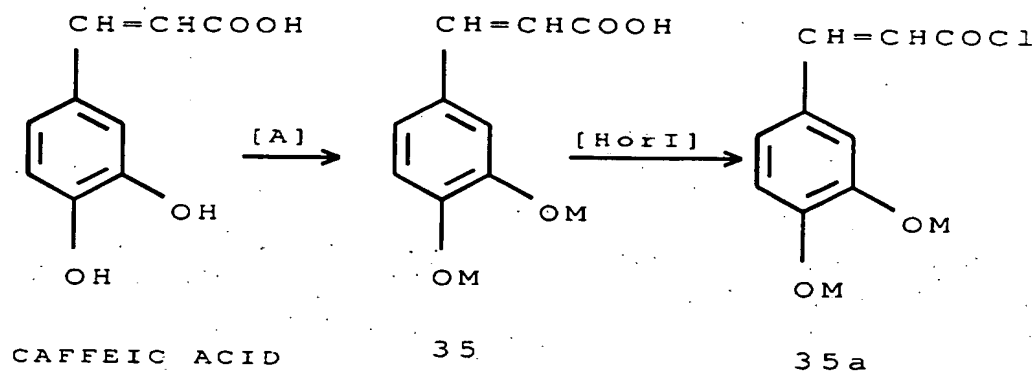


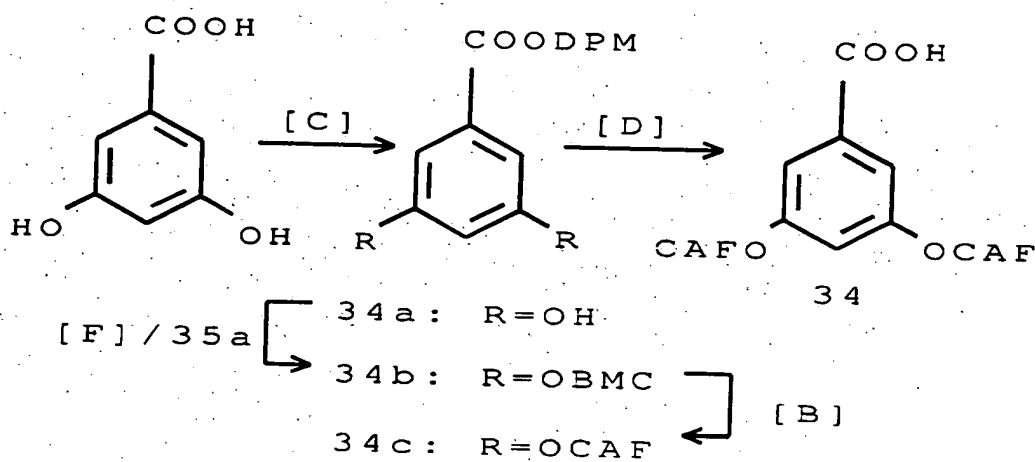
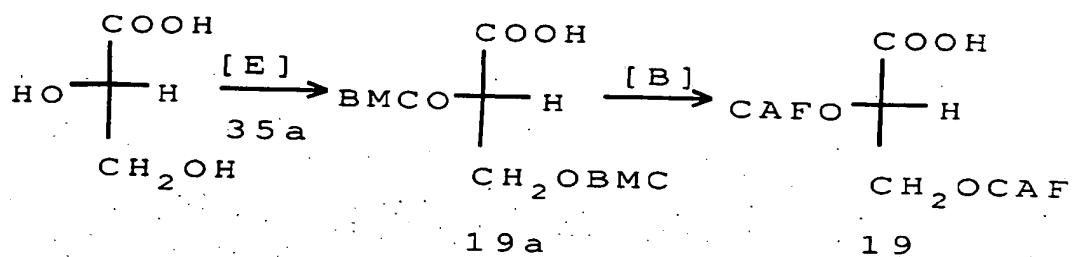
Fig. 9





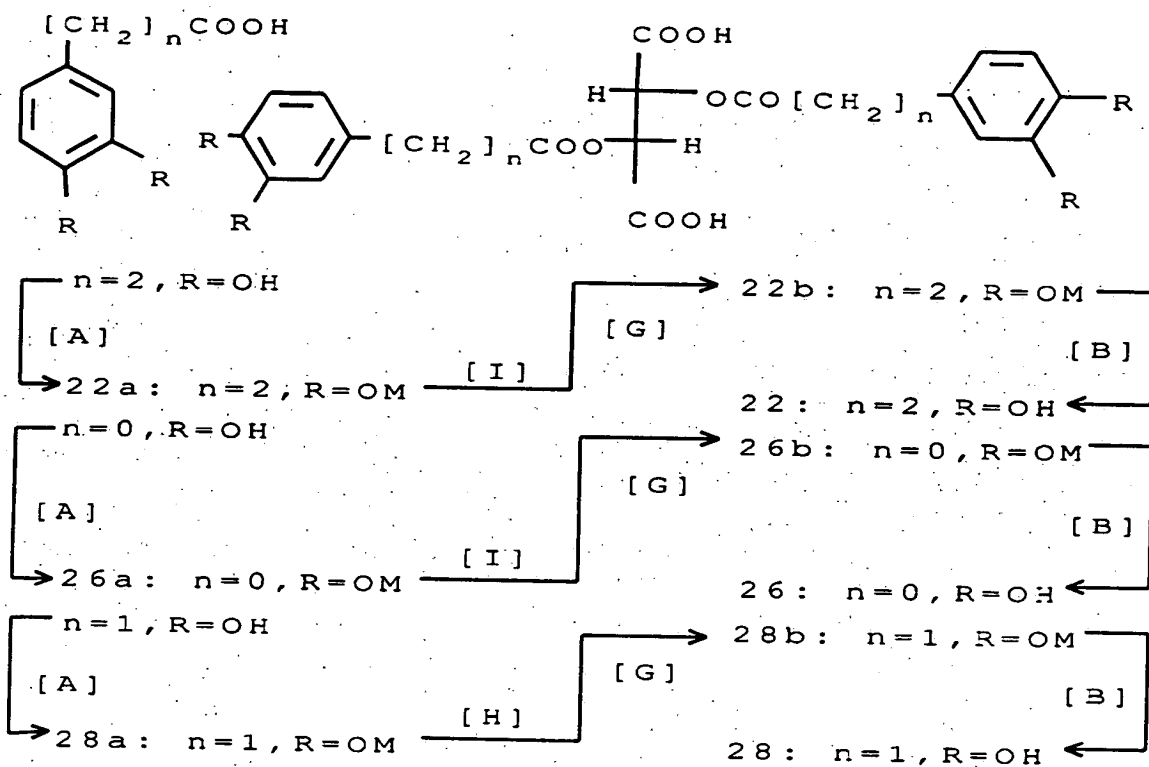
Scheme 1

Fig. 11



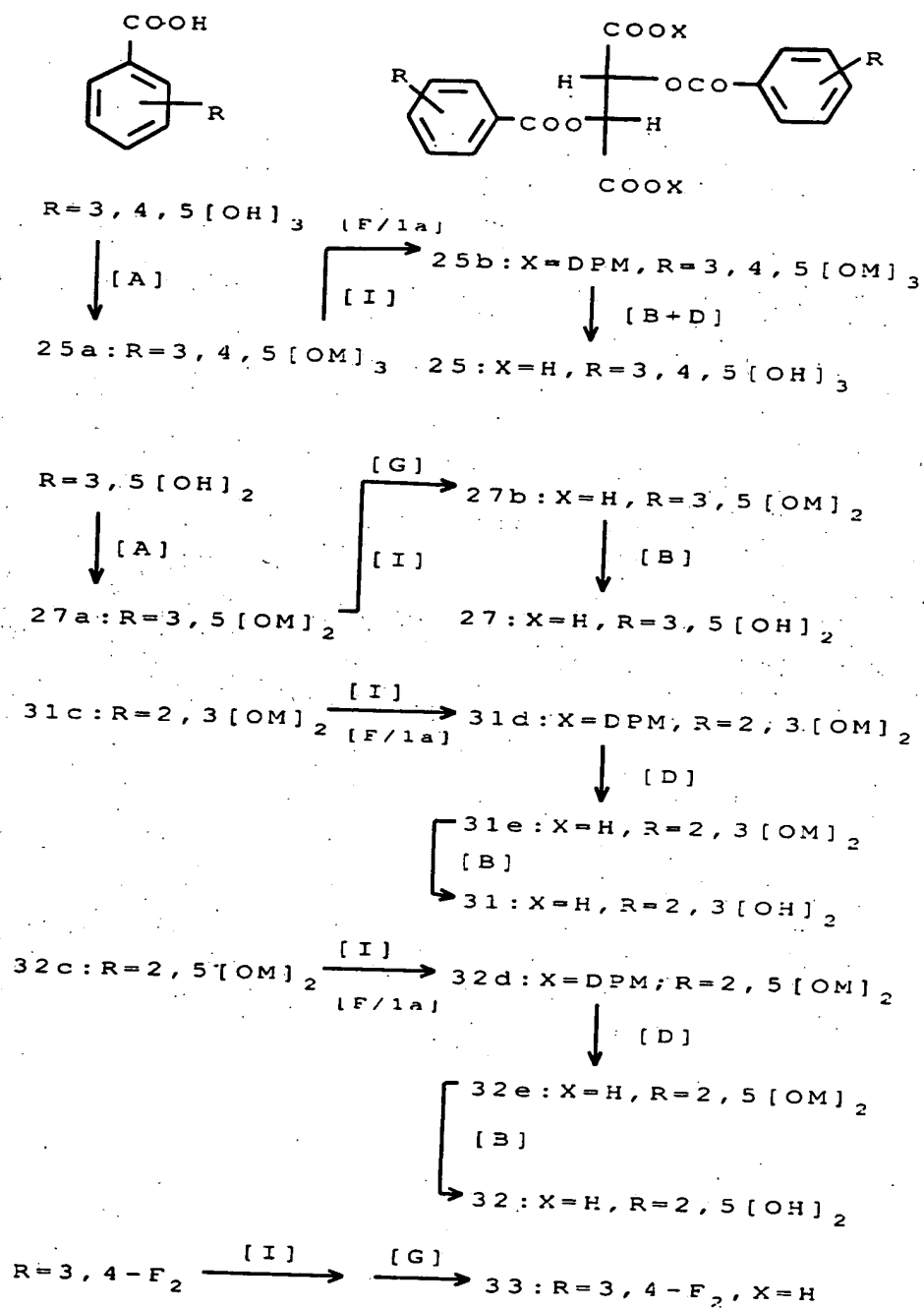
Scheme 2

Fig. 12



Scheme 3

Fig. 13



Scheme 4

Fig. 14

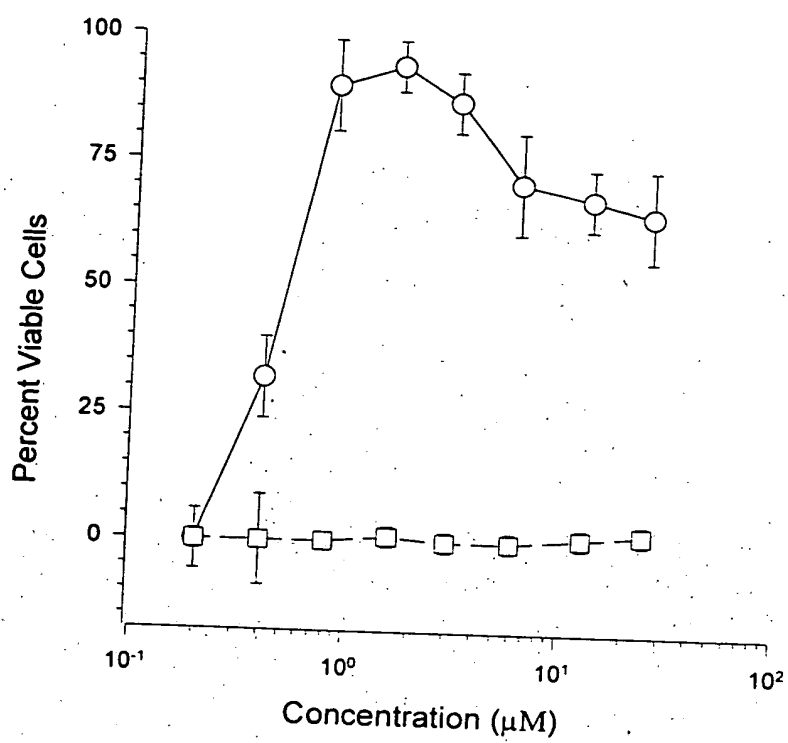


Fig. 15

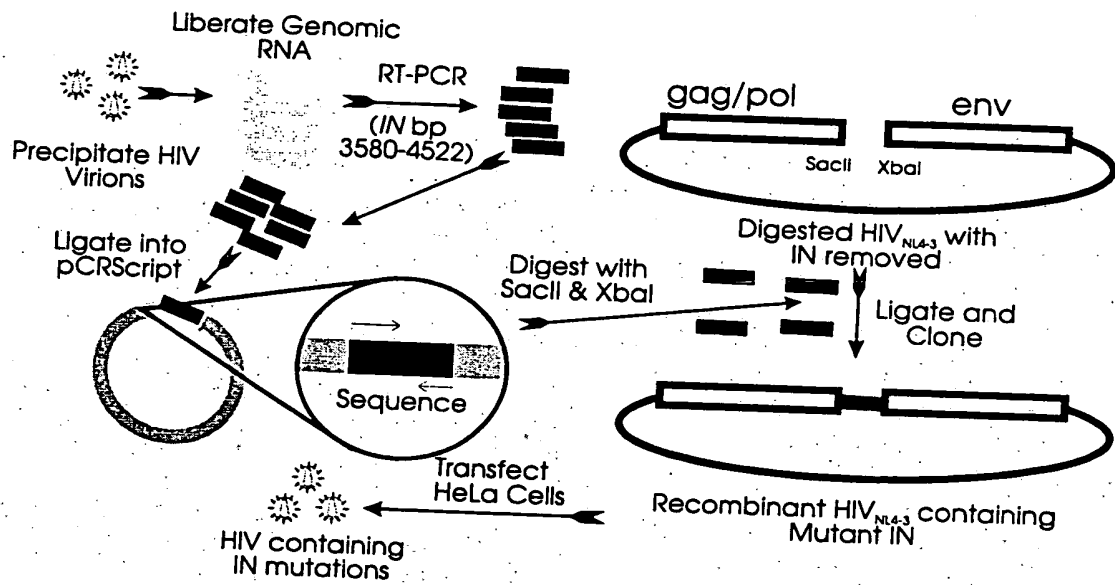


Fig. 16a

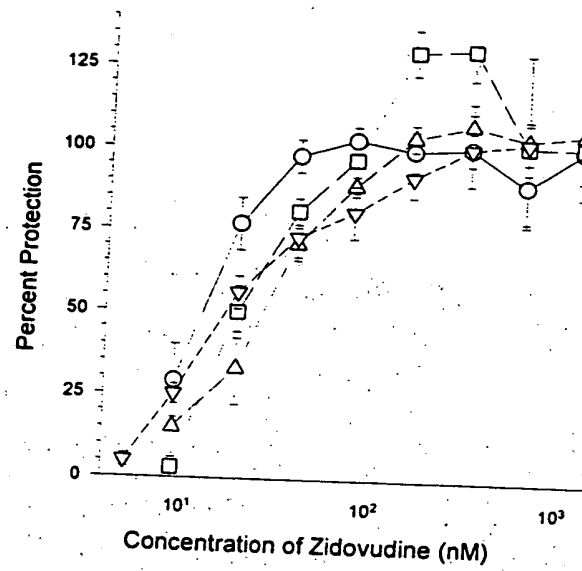


Fig. 16b

